

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	131	359/811,808,813,819,824.ccls. and @pd>="20090710"	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L2	55	359/822,823.ccls. and @pd>="20090710"	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L3	1	("20040070852").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/19 15:01
L4	1	("20040160657").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/19 15:01
L5	1	("20020163741").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/19 15:01
L6	1	("20040070852").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/19 15:01
L7	760	(vertical and horizontal) with (displacement moving) with lens	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L8	3659	359/811,808,813,819,824.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L9	34	L8 and L7	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L10	1	("20070183064").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/19 15:01
L11	195	359/822,823.ccls. and @pd>="20080915"	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L12	566305	359/811,808,813,819,824.ccls. @pd>="20080915"	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L13	1901	359/822,823.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L14	1901	359/822,823.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L15	3659	359/811,808,813,819,824.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L16	3	((("6552862") or ("6930842") or ("20020163741")).PN.	US-PGPUB; USPAT	OR	OFF	2009/10/19 15:01
L17	529179	(perpendicular orthogonal) near10 (direction movement displacement)	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L18	101468	exposure near5 (device apparatus system)	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L19	47541	(acurate fine) near5 adjustment	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L20	1160	L17 and L18 and L19	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L21	8	L13 and L20	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L22	6	coordinate and L21	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01

L23	19	L20 and L8	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L24	3	((("20010038500") or ("6259571") or ("20020085291")).PN.	US-PGPUB; USPAT	OR	OFF	2009/10/19 15:01
L25	10	(US-20020163741-\$ or US-20040070852-\$ or US-20040042094-\$ or US-20070121224-\$ or US-20040189969-\$ or US-20030234989-\$ or US-20070279768-\$ or US-20020085291-\$ or US-20010038500-\$).did. or (US-6930842-\$ or US-6529264-\$ or US-6259571-\$).did.	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L26	5	L25 and detect\$3	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L27	2	L25 and sealed	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L28	2	L25 and seal	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L29	1	L25 and friction	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L30	3	(detect\$3 and monitor\$3) and L25	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L31	172346	(perpendicular orthogonal) near10 (direction movement displacement)	FPRS; EPO; JPO; DERWENT	OR	ON	2009/10/19 15:01
L32	62297	exposure near5 (device apparatus system)	FPRS; EPO; JPO; DERWENT	OR	ON	2009/10/19 15:01
L33	15561	(acurate fine) near5 adjustment	FPRS; EPO; JPO; DERWENT	OR	ON	2009/10/19 15:01
L34	0	(detect\$3 and monitor\$3) and L25	FPRS; EPO; JPO; DERWENT	OR	ON	2009/10/19 15:01
L35	209935	(detect\$3 and monitor\$3)	FPRS; EPO; JPO; DERWENT	OR	ON	2009/10/19 15:01
L36	7	L31 and L32 and L33	FPRS; EPO; JPO; DERWENT	OR	ON	2009/10/19 15:01
L37	20072	measur\$3 near5 coordinates	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L38	529179	(perpendicular orthogonal) near10 (direction movement displacement)	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L39	101468	exposure near5 (device apparatus system)	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L40	47541	(acurate fine) near5 adjustment	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L41	1160	L38 and L39 and L40	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L42	138	L41 and L37	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L43	1901	359/822,823.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L44	3	L43 and L42	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L45	7	L37 and L43	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01

L46	67261	displacement near10 (detect\$3 sens\$3)	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L47	56	L42 and L46	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L48	11	(US-20020163741-\$ or US-20040070852-\$ or US-20040042094-\$ or US-20070121224-\$ or US-20040189969-\$ or US-20030234989-\$ or US-20070279768-\$ or US-20020085291-\$ or US-20010038500-\$ or US-20050133732-\$).did. or (US-6930842-\$ or US-6529264-\$ or US-6259571-\$).did.	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L49	7	measuring near20 cordinate	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L50	17	measur\$3 near20 cordinate	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L51	11550	measuring near20 coordinate	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L52	1	L48 and L51	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L53	4	L48 and coordinate	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L54	4	L53 and predetermined	US-PGPUB; USPAT	OR	ON	2009/10/19 15:01
L55	6752	((first and second) same (detectors or sensors)) same coordinate	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L56	1901	359/822,823.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L57	2	L56 and L55	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L58	3659	359/811,808,813,819,824.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L59	1	L58 and L55	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L60	101468	exposure near5 (device apparatus system)	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L61	365	L60 and L55	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L62	303	L61 and measur\$3	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L63	71	L61 and (measur\$3 near10 displacement)	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L64	50	L63 and predetermined	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L65	3	L53 and links	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L66	45828	(detect\$3 sens\$3) same (predetermined and displacement)	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L67	19388	(detect\$3 sens\$3) near10 (predetermined and displacement)	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L68	12363	(detect\$3 sens\$3) near5 (predetermined and displacement)	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02

L69	12	(US-20020163741-\$ or US-20040070852-\$ or US-20040042094-\$ or US-20070121224-\$ or US-20040189969-\$ or US-20030234989-\$ or US-20070279768-\$ or US-20020085291-\$ or US-20010038500-\$ or US-20050133732-\$ or US-20080117534-\$).did. or (US-6930842-\$ or US-6529264-\$ or US-6259571-\$ or US-6798516-\$).did.	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L70	5	L66 and L69	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L71	5	L67 and L69	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L72	3	L68 and L69	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L73	4684	(second near3 sensor) and L67	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L74	3241	(second near3 sensor) and L68	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L75	2898	(detect\$3 sens\$3) near5 (predetermined same displacement)	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L76	658	(second near3 sensor) and L75	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L77	1901	359/822,823.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L78	3659	359/811,808,813,819,824.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L79	6	L76 and (L77 L78)	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L80	10474	(sens\$3 detect\$3) near5 (measur\$3 near5 predetermined)	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L81	49	L76 and L80	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L82	11	L81 and lens\$2	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L83	11	L81 and lens\$2	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L84	1341	L80 and coordinate	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L85	447	L84 and lens\$2	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L86	301	L85 and degree	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L87	293	L86 and position	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L88	1	L87 and (L77 L78)	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L89	236	L87 and (driving motor driven actuator)	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L90	436	(sens\$3 detect\$3) near5 (measur\$3 near5 (predetermined adj2 position))	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02

L91	26	L89 and L90	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L92	436	(sens\$3 detect\$3) near5 (measur\$3 near5 (predetermined adj2 position))	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L93	26	L89 and L92	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L94	0	("6,312,8596,710,848").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/19 15:02
L95	2	((("6,312,859") or ("6,710,848")).PN.	US-PGPUB; USPAT	OR	OFF	2009/10/19 15:02
L96	1	("20080074764").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/19 15:02
L97	0	("83and(compositenear2gravity)").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/19 15:02
L98	1	L96 and (composite near2 gravity)	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L99	1	("6021107").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/19 15:02
L100	1	("20070183064").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/19 15:02
L101	1	("20020163741").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/19 15:02
L102	1	("20040070852").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/19 15:02
L103	2	((("6552862") or ("6930842")).PN.	US-PGPUB; USPAT	OR	OFF	2009/10/19 15:02
L104	1	("0747842").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/19 15:02
L105	1	("20090103199").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/19 15:02
L106	0	("framenear2member.clm.").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/19 15:02
L107	58534	frame near2 member.clm.	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L108	4534	displacement near2 portion.clm.	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L109	8277	transmission near2 portion.clm.	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L110	32354	holding near2 member.clm.	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02
L111	1	L107 and L108 and L109 and L110	US-PGPUB; USPAT	OR	ON	2009/10/19 15:02

**EAST Search History (Interference)**

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